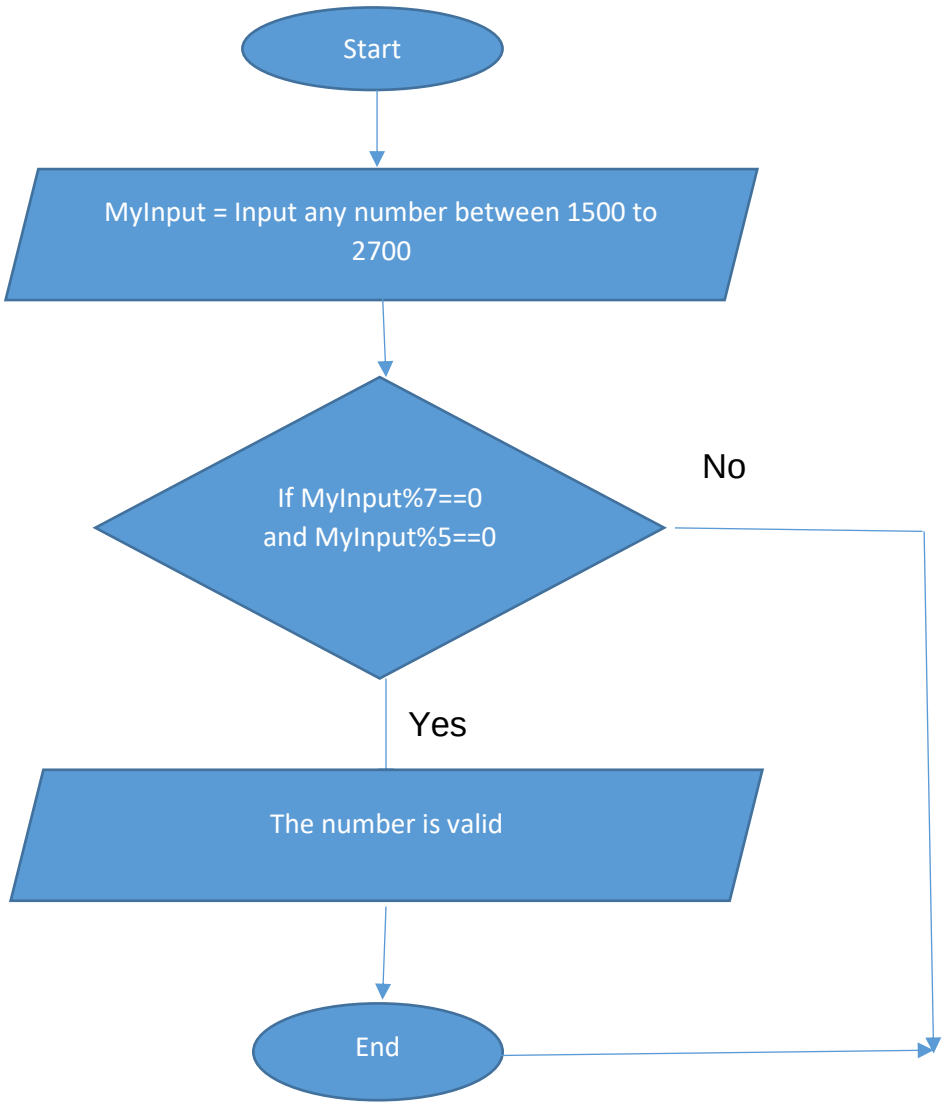
CSC9608/CSC9618

Paper 2

Topic 5: Flowcharts with Conditions

Problem 1: Write a Python program to find those numbers which are divisible by 7 and multiple of 5, between 1500 and 2700



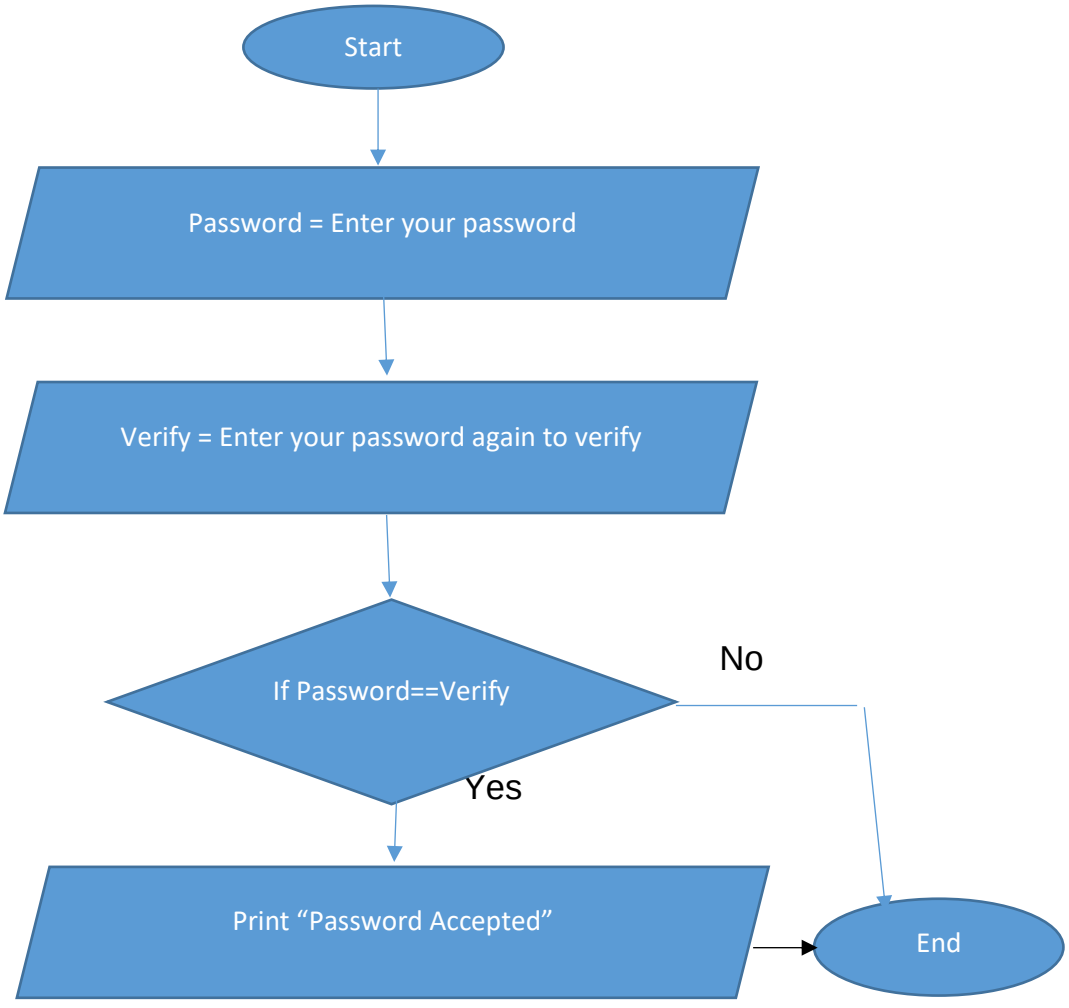
Programming:

```
MyInput = int(input("Enter any number between 1500 to 2700: "))


if MyInput%7==0 and MyInput%5==0:
    print("The input is valid")
else:
    print("Invaid input!!! Please try again")
```

Problem 2: Write a program, which will ask from the user a password, next again it will ask the password to verify. Then if password matches it will show You can enter or else wrong password.

Flowchart:



Programming:

```
password = input("Enter your password: ")
verify = input("Enter your password again to verify: ")

if password==verify:
    print("You are allowed to enter!!")
else:
    print("Wrong Password!!")
```

Home works:

Problem 3: Write a program which will take 10 inputs in an Array then sum all the odd and even numbers separately.

Programming/Pseudocode: Do it as a classwork

Flowchart: Do it as a homework

Hints:

You can take random 10 numbers.

For example:

7,23,19,20,12,8,6,5,11,16

Even = 20+12+8+6+16

Odd = 7+23+19+11+5

Output “Even=62”

Output “Odd=65”

Note: You have to use loop and array